

## Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 26 Sep 2021 until 23:59 on Monday 27 Sep 2021

Forecast Issued on Sunday 26 Sep 2021 at 03:09

**Confidence:** High confidence for general theme of settled weather being replaced early next week by more unsettled, cooler, showery conditions, but low for cloud detail and extent of limited warm sunny spells in any breaks on Sunday. Lower confidence in potentially more impactful rain Tuesday.

**Headline for Sunday 26 Sep 2021:** Cloudy with the odd brighter spell during the afternoon.

### Mountain weather hazards on Sunday 26 Sep 2021

**Blizzards**

No Likelihood

**Gales**

Low Likelihood

**Thunderstorms**

No Likelihood

**Heavy Snow**

No Likelihood

**Severe chill effect**

No Likelihood

**Heavy persistent rain**

No Likelihood

**Storm force winds**

No Likelihood

**Poor visibility**

Medium Likelihood

**Strong sunlight**

No Likelihood

| Weather and chance of precipitation at 600m                                         |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Time                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| 06:00                                                                               | 09:00                                                                               | 12:00                                                                               | 15:00                                                                               | 18:00                                                                                 | 21:00                                                                                 |
|  |  |  |  |  |  |
| Cloudy                                                                              | Cloudy                                                                              | Cloudy                                                                              | Cloudy                                                                              | Sunny intervals                                                                       | Partly cloudy (night)                                                                 |
| Precipitation probability                                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| 30%                                                                                 | 20%                                                                                 | 20%                                                                                 | 20%                                                                                 | 10%                                                                                   | 10%                                                                                   |

### Forecast for Sunday 26 Sep 2021

**Weather:** Cloudy to start with some light rain or drizzle and extensive fog, especially in the west and southwest. Low cloud slowly lifting and breaking during the morning allowing some bright or sunny intervals to develop during the afternoon, as well as the risk of an isolated shower. Cloud thickening again through the evening.

**Chance of cloud free mountain/hill tops above 600m:** 10%, improving to 90% by early afternoon.

**Visibility:** Very poor at first with extensive fog, especially over southwest facing slopes, and cloud down to 400m. Improving to good by early afternoon with some distant hills visible as cloud lifts to near or above the summits. Lowering again in any showers.

## Forecast for Sunday 26 Sep 2021

| Height (m)    | Wind Speed mean/gusts (mph) |          |          |          | Wind Direction (blowing from) |         |         |
|---------------|-----------------------------|----------|----------|----------|-------------------------------|---------|---------|
|               | 06:00                       | 09:00    | 12:00    | 15:00    | 18:00                         | 21:00   | 00:00   |
| <b>600</b>    | 11/15 S                     | 14/18 SW | 16/22 SW | 17/24 SW | 15/23 S                       | 20/31 S | 22/32 S |
| <b>300</b>    | 4/13 S                      | 9/16 SW  | 11/21 SW | 11/22 SW | 9/22 S                        | 11/28 S | 13/29 S |
| <b>Valley</b> | 3/10 SE                     | 7/16 S   | 10/19 SW | 9/20 SW  | 7/20 S                        | 12/30 S | 14/31 S |

| Height (m)             | Temperature / Feels Like (°C) |       |       |       |       |       |       |
|------------------------|-------------------------------|-------|-------|-------|-------|-------|-------|
|                        | 06:00                         | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| <b>600</b>             | 13/11                         | 13/10 | 13/10 | 14/11 | 13/10 | 12/9  | 12/8  |
| <b>300</b>             | 14/14                         | 15/14 | 16/14 | 17/15 | 15/14 | 14/12 | 14/12 |
| <b>Valley</b>          | 15/16                         | 16/16 | 17/16 | 18/16 | 16/15 | 16/14 | 16/13 |
| <b>Freezing Level*</b> | 2800m                         | 2600m | 2700m | 2600m | 2400m | 2500m | 2600m |

\*Level above which ground is expected to be frozen/snow is expected to settle.

### Meteorologist's View

While it remains mild appropriate clothing is essential over higher ground due to the possibility of damp conditions early and late. Navigational difficulties should be expected with the hill fog, especially during the early hours. Winds may be 10mph stronger over summits and exposed ridges in the evening.

### Recent rainfall: measured at Malham: altitude 375m

| Recorded at              | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|--------------------------|----------------|----------------|----------------|
| 02:00 on Sun 26 Sep 2021 | 0.2mm          | 10.2mm         | 11.2mm         |

## Forecast for Monday 27 Sep 2021

**Weather:** Cloud continuing to thicken with a band of heavy rain and strong winds arriving during the early hours, clearing through the Dales in the morning. Cloud breaking thereafter with an occasional shower likely, as well as some longer dry and sunny/ clear spells. Turning quite breezy, especially later.

**Maximum wind:** Southerly 35 gust 45 mph during the early hours.

**Chance of cloud free mountain/hill tops above 600m:** 10% improving to 50% once the rain clears through and 90 % during the morning.

**Visibility:** Very poor in heavy rain with extensive fog through the early hours and cloud down to 400m. Improving to very good after rain clears, with cloud lifting and breaking to be near or above the summits by afternoon. Some visibility reductions in showers thereafter.

**Temperature:** **Valleys:** PS 7 becoming PS 14 Celsius  
**At 600m:** PS 8 Celsius  
**Freezing level:** Above summits.